

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Fonseca et al.
Serial No.: Not yet assigned
For: APPLICATOR BRUSH AND METHOD FOR USING SAME
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Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Dear Sir:

Prior to examination, please amend this application as follows:

IN THE CLAIMS

Please cancel claim 1 .

Please add claims 22 to 46:

22. A method of applying a cosmetic composition to a surface of a human comprising:

depositing said cosmetic composition on one or more bristles of an applicator, said one or more bristles having a naturally based polymeric material derived substantially from plants; and

transferring said cosmetic composition from said one or more bristles to the surface.

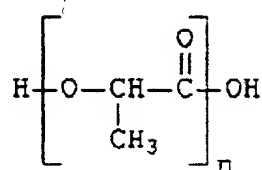
23. The method of claim 22, wherein the surface is one or more eyelashes.

24. The method of claim 22, wherein said one or more bristles are a plurality of said bristles.

25. The method of claim 22, wherein said polymeric material is selected from the group consisting of polylactide, polycaprolactone, polyhydroxybutyrate/valerate, polyglycolic acid, polymer based on starch or starch derivatives, and any combinations thereof.

26. The method of claim 25, wherein said polymeric material is polylactide.

27. The method of claim 26, wherein said polylactide has the following general structure:



wherein n represents a number average molecular weight about 10,000 to about 300,000.

28. The method of claim 27, wherein the number average molecular weight is about 50,000 to about 250,000.

29. The method of claim 22, wherein said cosmetic composition is selected from the group consisting of: eyeliner, eyeshadow, lipstick, lip gloss, mascara, nail

polish, powder, and rouge.

30. The method of claim 22, wherein said cosmetic composition is a hair dye or toothpaste.

31. The method of claim 22, wherein the applicator has a bristle portion for said one or more bristles, and a handle connected to said bristle portion, wherein said one or more bristles are a plurality of said bristles, wherein said bristle portion has a longitudinal axis about which said plurality of bristles are helically turned, and wherein about 10 to about 65 of said plurality of bristles are disposed about one helical turn.

32. The method of claim 31, at least one of said plurality of bristles has a cross sectional dimension about 0.01 mm to about 0.40 mm.

33. The method of claim 31, wherein said handle is made of said polymeric material.

34. A method of applying a material to a surface of a human comprising the steps of:

depositing the material on an applicator brush having one or more bristles, said one or more bristles consisting essentially of a polymeric material derived substantially from plants; and

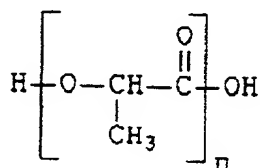
applying the material with the applicator brush onto the surface.

35. The method of claim 34, wherein the surface is one or more eyelashes.

36. The method of claim 34, wherein said polymeric material is selected from the group consisting of: polylactide, polycaprolactone, polyhydroxybutyrate/valerate, polyglycolic acid, polymer based on starch or starch derivatives, and any combinations thereof.

37. The method of claim 34, wherein said polymeric material is polylactide.

38. The method of claim 37, wherein said polylactide has the following general structure:



where n represents a number average molecular weight about 10,000 to about 300,000.

39. The method of claim 38, wherein the number average molecular weight is about 50,000 to about 250,000.

40. The method of claim 34, wherein said cosmetic composition is selected from the group consisting of eyeliner, eyeshadow, lipstick, lip gloss, mascara, nail polish, powder, and rouge.

41. The method of claim 34, wherein said cosmetic composition is a hair dye

or toothpaste.

42. The method of claim 34, wherein the applicator brush further comprises a bristle portion and a handle connected to said bristle portion, wherein said one or more bristles are a plurality of bristles, wherein said bristle portion has a longitudinal axis about which said plurality of bristles are helically turned, and wherein about 10 to about 65 of said plurality of bristles are disposed about one helical turn.

43. The method of claim 42, at least one of said plurality of bristles has a cross sectional dimension about 0.01 mm to about 0.40 mm.

44. The method of claim 42, wherein said handle is made of said polymeric material.

45. A method of applying a material to a surface with an applicator brush comprising:

depositing the material on one or more bristles attached to the applicator brush, wherein said one or more bristles consist essentially of a polymeric material derived substantially from plants; and

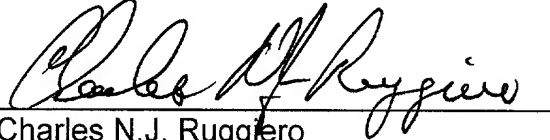
contacting the surface with one or more bristles having the material thereon.

46. The method of claim 45, wherein the material is either a plant or a medicament.

REMARKS

Claim 1 has been canceled in this application. Claims 22 to 46 are added by the preliminary amendment. Applicants respectfully request entry of the above amendment. Applicants respectfully solicit favorable consideration and the passage of the application to allowance.

Respectfully submitted,



Charles N.J. Ruggiero

Reg. No. 28,468

Attorney for Applicants

Ohlandt, Greeley, Ruggiero & Perle, L.L.P.

One Landmark Square, 10th Floor

Stamford, CT 06901-2682

(203) 327-4500

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